

| Form PTO-1449<br>(REV. 8-83)  |   | US Dept. of Commerce<br>PATENT & TRADEMARK OFFICE |            | ATTY DOCKET NO.<br>102464.05 | APPLICATION NO.<br>10/733,390 |           |
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| <b>INFORMATION DISCLOSURE STATEMENT</b><br><b>Q.P.E.</b><br>(Use several sheets if necessary)<br>  |   | APPLICANT(S)<br>Yasaushi OKABE et al.             |            |                              |                               |           |
|   |   | FILING DATE<br>December 12, 2003                  |            |                              |                               |           |
|   |   | <b>U.S. PATENT DOCUMENTS</b>                      |            |                              |                               |           |
| EXAMINER INITIAL  |   | DOCUMENT NUMBER                                   | DATE       | NAME                         | CLASS                         | SUB CLASS |
| SC  | 1 | 5,606,406   | 2/25/97    | IKEYAMA ET AL.               | 399                           | 111       |
| SC  | 2 | 5,343,223   | 8/30/94    | TOHYAMA ET AL.               | 347                           | 139       |
|   |   |   |            |                              |                               |           |
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| <b>FOREIGN PATENT DOCUMENTS</b>   |   |   |            |                              |                               |           |
|   |   | DOCUMENT NUMBER                                   | DATE       | COUNTRY                      | CLASS                         | SUB CLASS |
| SC  | 3 | EP 0 590 939 A2                                   | 04/06/1994 | Europe                       | —                             | —         |
| SC  | 4 | JP 7-295457 w/ abst & trans                       | 11/10/1995 | Japan                        | —                             | —         |
| SC  | 5 | JP 4-190251 w/ abst                               | 07/08/1992 | Japan                        | —                             | —         |
|   |   |   |            |                              |                               |           |
|   |   |   |            |                              |                               |           |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>   |   |   |            |                              |                               |           |
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| EXAMINER<br><i>Sophia S. Chen</i>   |   | DATE CONSIDERED<br><i>12/7/04</i>                 |            |                              |                               |           |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |   |   |            |                              |                               |           |